

## 50 MM XSPEED HF F 750N / R50



Self-recovering pliable conduit with wire, totally free of micro-holes. Internal lubrication for diameter 16, 20 and 25 mm. It can be used with cement and concrete. Self-protected: it doesn't need concrete cover. Eco-friendly: Halogen Free according to the European standard EN 50642. Colour: grey (RAL 7037).

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|--------------------------|--------------------|
| <b>Art. code:</b>        | ICTAHF50F50        |
| <b>Classification</b>    | ICTA 34223 / 33433 |
| <b>Conduit colour</b>    | Grey - RAL 7037    |
| <b>External diameter</b> | 50 mm              |
| <b>Internal diameter</b> | 38,8 mm            |
| <b>Coil</b>              | 50 m               |
| <b>Pallet</b>            | 700 m              |

## Technical information

### Environmental certificate

Environmental Product Declaration 

### Applications

|                              |     |
|------------------------------|-----|
| Outdoor                      | No  |
| Indoor                       | Yes |
| Exposed Installation         | No  |
| Liquid screed and concrete   | Yes |
| Chased wall - Plasterboard   | Yes |
| Chased floor                 | Yes |
| False ceiling - Movable wall | Yes |
| Prefab - Wood panels         | Yes |

### Conduit technical specification

#### (34223)

|                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Material                        | Polypropylene                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Compression resistance          | 750N (23°C, +/- 2°C) - Medium - (3)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Resistance to impact            | 6J (IK08) - Heavy - (4)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Min. operating temperature      | -5°C - (2)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Max. operating temperature      | +90°C - (2)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Bending resistance              | Pliable - Self-recovering - (3)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Insulation resistance           | >100MΩ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Glow Wire Test (IEC EN 60695-2) | 960°C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Standard                        | EN 61386.1, EN 61386.22, IK: EN 62262                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Certifications                  |           |

### Conduit technical specification

#### (33433)

|          |               |
|----------|---------------|
| Material | Polypropylene |
|----------|---------------|

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**Conduit technical specification**

**(33433)**

|                                 |                                       |
|---------------------------------|---------------------------------------|
| Compression resistance          | 750N (23°C, +/- 2°C) - Medium - (3)   |
| Resistance to impact            | 6J (IK08) - Heavy - (3)               |
| Min. operating temperature      | -5°C - (4)                            |
| Max. operating temperature      | +90°C - (3)                           |
| Bending resistance              | Pliable - Self-recovering - (3)       |
| Insulation resistance           | >100MΩ                                |
| Glow Wire Test (IEC EN 60695-2) | 960°C                                 |
| Standard                        | EN 61386.1, EN 61386.22, IK: EN 62262 |

Certifications




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**Conduit properties**

|                                                        |                                |
|--------------------------------------------------------|--------------------------------|
| LS - Low Smoke                                         | IEC 61034-2                    |
| HF - Halogen Free                                      | EN 50642, DIN VDE V 0604-2-100 |
| OH - Zero Halogen                                      | IEC 60754-1; IEC 60754-2       |
| Fire resistance: non-flame propagating                 | EN 61386.1, EN 61386.22        |
| Self-recovering (of at least 90% of original diameter) | EN 61386.1, EN 61386.22        |
| According to Low Voltage Directive                     | LVD 2014/35/EU                 |
| Pre-lubricated                                         | ✓                              |
| Packed with 100% recyclable PE film                    | ✓                              |

